

What is claimed is:

1. A therapeutic ultrasound system, comprising:
 - an ultrasonic transducer for irradiating a therapeutic ultrasound on a region to be treated;
 - setting-up means for setting up an insonation time of said therapeutic ultrasound; and
 - bubble detecting means for detecting a bubble caused in a region exposed with said therapeutic ultrasound during exposure of said therapeutic ultrasound,
 - wherein said setting-up means has a function of setting up a time from detection of the bubble by said bubble detecting means to the end of the exposure of said therapeutic ultrasound.
2. The therapeutic ultrasound system according to claim 1,
 - wherein said bubble detecting means has means for detecting an acoustic wave having a frequency twice a center frequency of said therapeutic ultrasound transmitted from said ultrasonic transducer.
3. The therapeutic ultrasound system according to claim 2, further comprising:
 - means for generating an alarm when received signal intensity of harmonics of said therapeutic ultrasound reaches a set value or more.
4. A therapeutic ultrasound system, comprising:
 - an ultrasonic transducer for irradiating a therapeutic ultrasound on a region to be treated; and
 - means for detecting an audible sound generated in a region exposed with said therapeutic ultrasound during exposure of said therapeutic ultrasound.
5. The therapeutic ultrasound system according to claim 4,
 - wherein a function of setting up a time from detection of said audible sound to the end of the exposure of said therapeutic ultrasound is provided.